

PENDING CLAIMS

1. (Previously Presented) A handheld computing device comprising:  
a motion detection sensor(s), to detect motion of the computing device in one or more of six (6) fields of motion and to generate an indication of such motion; and  
a motion control agent, to determine whether an operating system or an application has operational control of a display of the computing device, and generate, in response to motion indications received from the motion detection sensor(s), first control signals to modify an operating state of the computing device, if the operating system has operational control of the display, and generate, in response to the motion indications, second control signals to modify displayed content of the computing device, if the application has operational control of the display.
2. (Original) A handheld computing device according to claim 1, wherein the motion detection sensor(s) are any one or more from a class of sensors including a micro-accelerometer, a mercury switch, a shock detector, a gyroscope and the like.
3. (Original) A handheld computing device according to claim 1, wherein the motion detection sensors require an initial motion and a complementary motion within certain ones of the fields of motion that exceed a motion threshold before an indication of motion is generated.
4. (Original) A handheld computing device according to claim 1, wherein the sensor(s) are responsive to motion in one or more of an x-, y- or z-fields of motion.

5. (Original) A handheld computing device according to claim 1, wherein the sensor(s) are responsive to rotational motion about one or more of an x-, y- or z-axis.
6. (Original) A handheld computing device according to claim 1, wherein the sensor(s) are responsive to motion in one or more of an x-, y- or z-fields of motion, as well as to rotational motion about one or more of an x-, y- or z-axis.
7. (Original) A handheld computing device according to claim 6, wherein the motion detection sensor(s) require an initial motion and a complementary motion to generate a motion indication in response to rotational motion about one of the axes.
8. (Original) A handheld computing device according to claim 1, wherein the motion control agent identifies a current operating state of the computing device to determine what control signals to issue in response to motion indication(s) received from the motion detection sensor(s).
9. (Canceled)
10. (Previously Presented) A handheld computing device according to claim 1, wherein the motion control agent generates the first control signals to move a highlighted, active region from one icon to another icon in an operating system graphical user interface in response to indication(s) denoting motion in an x- or y-axis, or

complementary motions about an x- or y-axis if the operating system has operational control of the display.

11. (Previously Presented) A handheld computing device according to claim 1, wherein the motion control agent generates the first control signals to invoke an application associated with an icon denoted by a highlighted, active region in response to indication(s) of motion in the z-axis, or complementary motion about a z-axis if the operating system has operational control of the display.

12. (Previously Presented) A handheld computing device according to claim 1, wherein the motion control agent generates the second control signals to display a subsequent page of content in response to indication(s) of motion in an x-axis, or complementary motions about a y-axis if an application has operational control of the display.

13. (Previously Presented) A handheld computing device according to claim 1, wherein the motion control agent generates the second control signals to scroll displayed content of an application in response to indication(s) of motion in the y-axis, or complementary motion about a x-axis if an application has operational control of the display.

14. (Previously Presented) A handheld computing device according to claim 1, wherein the motion control agent generates the second control signals to zoom displayed

content of an application in response to indication(s) of motion in the z-axis if an application has operational control of the display.

15. (Original) A handheld computing device according to claim 1, further comprising:

a storage device including a plurality of executable instructions; and

a control unit, coupled to the storage device, to execute at least a subset of the plurality of instructions to selectively implement the motion control agent to control the operating state and/or displayed content of the computing device in response to indication(s) of motion received from the motion sensor(s).

16. (Original) A handheld computing device according to claim 1, wherein the motion control agent is selectively enabled by user assertion of an enable button.

17. (Original) A handheld computing device according to claim 1, wherein the computing device is at least one of a personal digital assistant (PDA), an electronic book (eBook) appliance, a wireless communications device (cell phone, pager, etc.) and/or personal gaming device.

18. (Previously Presented) A storage medium comprising a plurality of executable instructions which, when implemented by a computing device, cause the machine to implement a motion control agent to receive indication(s) that the computing device is being physically manipulated in one or more of six (6) fields of motion, detect whether an

operating system or an application has operational control of a display of the computing device, and generate first control signals to modify an operating state of the computing device in response to the indication(s), if the operating system has operational control of the display, and generate second control signals to modify displayed content of the computing device in response to the indication(s), if the application has operational control of the display.

19. (Canceled)

20. (Canceled)

21. (Currently Amended) A storage medium according to claim 18, wherein the instructions to generate the first control signals to modify the operating state in response to the indication(s) comprise instructions to enable the agent to issue control signals to move a highlighted, active region from one icon to another icon in an operating system graphical user interface in response to indication(s) denoting motion in an x- or y-axis, or complementary motions about an x- or y-axis if the operating system has operational control of the display of the computing device.

22. (Currently Amended) A storage medium according to claim 18, wherein the instructions to generate the first control signals to modify the operating state in response to the indication(s) comprise instructions to enable the agent to issue control signals to invoke an application associated with an icon denoted by a highlighted, active region in

response to indication(s) of motion in the z-axis, or complementary motion about a z-axis if the operating system has operational control of the display of the computing device.

23. (Currently Amended) A storage medium according to claim 18, wherein the instructions to generate the second control signals to modify the displayed content in response to the indication(s) comprise instructions to enable the agent to issue control signals to display a subsequent page of content in response to indication(s) of motion in the x-axis, or complementary motions about a y-axis if the application has operational control of the display of the computing device.

24. (Currently Amended) A storage medium according to claim 18, wherein the instructions to generate the second control signals to modify the displayed content in response to the indication(s) comprise instructions to enable the agent to issue control signals to scroll displayed content of an application in response to indication(s) of motion in the y-axis, or complementary motion about the x-axis if the application has operational control of the display of the computing device.

25. (Currently Amended) A storage medium according to claim 18, wherein the instructions to generate the second control signals to modify the displayed content in response to the indication(s) comprise instructions to enable the agent to generate control signals to zoom displayed content of an application in response to indication(s) of motion in the z-axis if the application has operational control of the display of the computing device.

26. (Currently Amended) A method for controlling a handheld computing device, the method comprising:

receiving indications of motion of the computing device in one or more of six (6) fields of motion from motion detection sensor(s) integrated with the computing device;

determining whether an operating system or an application has operational control of a display of the computing device;

generating first control signals to modify an operating state of the computing device in response to receiving the indication(s) of motion, if the operating system has operational control of the display; and

generating second control signals to modify displayed content of the computing device in response to receiving the indication(s) of motion, if the application has operational control of the display.

27. (Canceled)

28. (Currently Amended) A method according to claim 26, wherein generating the first control signals to modify the operating state of the computing device in response to receiving the indication(s) of motion, if the operating system has operational control of the display, comprises:

generating control signals to move a highlighted, active region from one icon to another icon in an operating system graphical user interface in response to indication(s) denoting motion in an x- or y-axis, or complementary motions about an x- or y-axis if the operating system has operational control of the display of the computing device.

29. (Currently Amended) A method according to claim 26, wherein generating the first control signals to modify the operating state of the computing device in response to receiving the indication(s) of motion, if the operating system has operational control of the display, comprises:

generating control signals to invoke an application associated with an icon denoted by a highlighted, active region in response to indication(s) of motion in the z-axis, or complementary motion about a z-axis if the operating system has operational control of the display of the computing device.

30. (Currently Amended) A method according to claim 26, wherein generating the second control signals to modify displayed content of the computing device in response to receiving the indication(s) of motion, if the application has operational control of the display, comprises:

generating control signals to display a subsequent page of content in response to indication(s) of motion in the x-axis, or complementary motions about a y-axis if an application has operational control of the display of the computing device.

31. (Currently Amended) A method according to claim 26, wherein generating the second control signals to modify displayed content of the computing device in response to receiving the indication(s) of motion, if the application has operational control of the display, comprises:



generating control signals to scroll displayed content of an application in response to indication(s) of motion in the y-axis, or complementary motion about the x-axis if the application has operational control of the display of the computing device.

32. (Currently Amended) A method according to claim 26, wherein generating the second control signals to modify displayed content of the computing device in response to receiving the indication(s) of motion, if the application has operational control of the display, comprises:

generating control signals to zoom displayed content of an application in response to indication(s) of motion in the z-axis if the application has operational control of the display of the computing device.

33. (Original) A storage medium comprising a plurality of executable instructions which, when executed by an accessing computing device, implement a method according to claim 26.